

Fig. 1

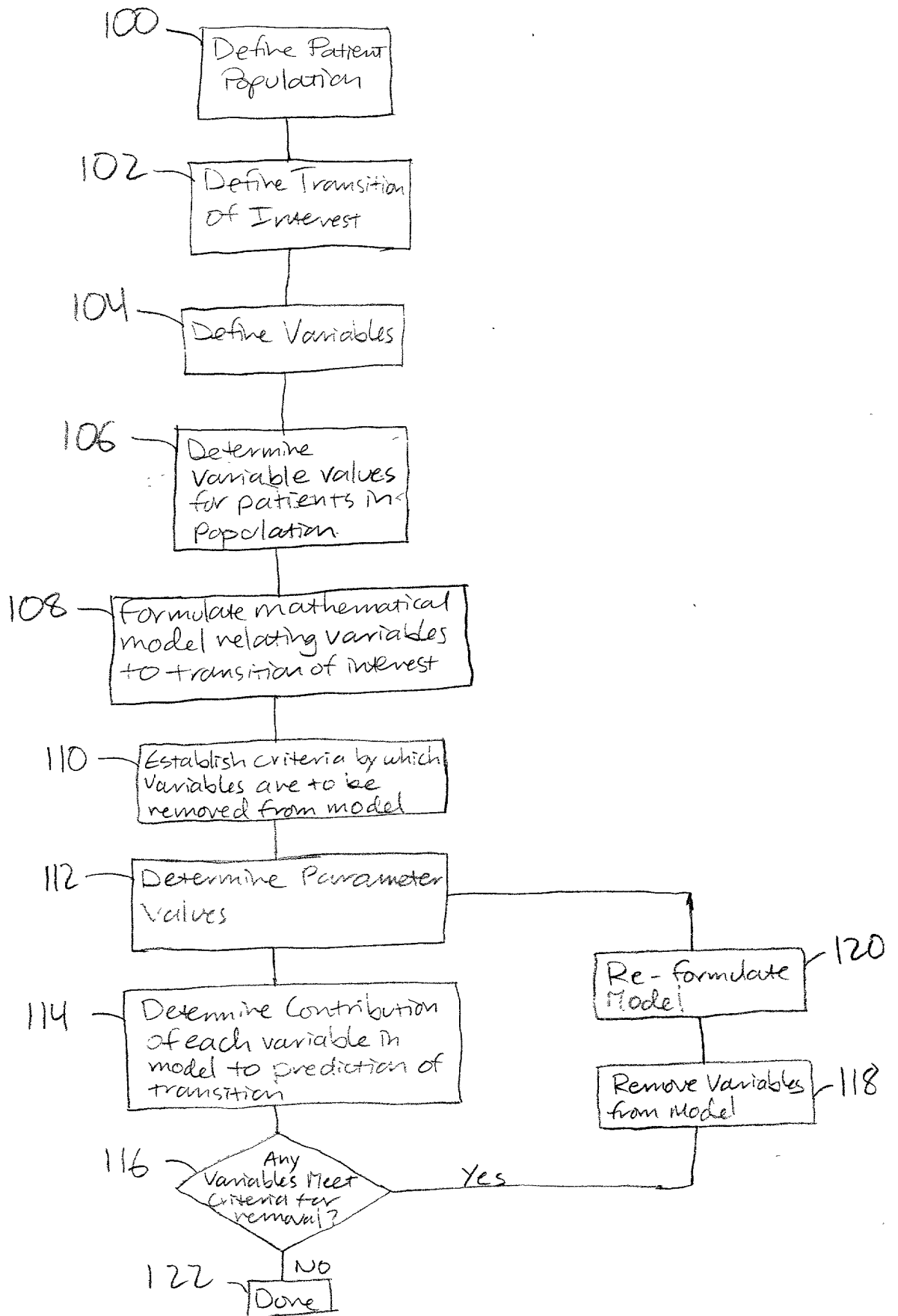


Fig. 2

| Variable | Variable Name* | Variable Categorization |
|--------------------------------------|--|--|
| High Cost in Index Year | HC | 1: High Cost 0: Not High Cost |
| Total Cholesterol | TC ₁ , TC ₂ , TC ₃ | 0: < 240 and compliant 1: Non-compliant 2: ≥ 240 and compliant |
| LDL Cholesterol | LC ₁ , LC ₂ , LC ₃ | 0: < 160 and compliant 1: Non-compliant 2: ≥ 160 and compliant |
| Creatinine | CR ₁ , CR ₂ , CR ₃ | 0: < 48.3 and compliant 1: Non-compliant 2: ≥ 48.3 and compliant |
| Microalbumin | MA ₁ , MA ₂ , MA ₃ | 0: < 30 and compliant 1: Non-compliant 2: ≥ 30 and < 300 and compliant 3: ≥ 300 and compliant |
| Hemoglobin A1C | HB ₁ , HB ₂ , HB ₃ | 0: < 7.5 and compliant 1: Non-compliant 2: ≥ 7.5 and Compliant |
| PCP Compliance | PCP ₁ , PCP ₂ , PCP ₃ | 0: Compliant 1: Non-compliant |
| Ophthalmology Compliance | OP ₁ , OP ₂ , OP ₃ | 0: Compliant 1: Non-compliant |
| Gender | GEN | 0: Male 1: Female |
| Age | AGE | 0: < 45 1: ≥ 45 and < 65 2: ≥ 65 |
| Number of Severe Inpatient Diagnoses | NS | 0: 0 diagnoses 1: 1 or 2 diagnoses 2: > 2 diagnoses |
| Cost in TP ₃ | CS | NA (continuous) |

| Patient Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|-------|---------|---------|--------|-------|--------|--------|-------|--------|--------|
| HC | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TC ₁ | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| TC ₂ | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| TC ₃ | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| LC ₁ | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| LC ₂ | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| LC ₃ | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| CR ₁ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CR ₂ | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| CR ₃ | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 1 | 1 |
| MA ₁ | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| MA ₂ | 1 | 2 | 3 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| MA ₃ | 0 | 2 | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 0 |
| PCP ₁ | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| HB ₁ | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 |
| HB ₂ | 0 | 0 | 2 | 2 | 1 | 1 | 2 | 0 | 2 | 2 |
| HB ₃ | 0 | 1 | 2 | 2 | 1 | 2 | 2 | 0 | 2 | 0 |
| PCP ₂ | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| PCP ₃ | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| OP ₁ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| OP ₂ | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| OP ₃ | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| GEN | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| AGE | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| NS | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CS | \$974 | \$4613 | \$377 | \$1011 | \$773 | \$436 | \$1163 | \$475 | \$1687 | \$3068 |
| Index Year Cost | \$429 | \$28181 | \$10468 | \$85 | \$964 | \$7145 | \$8534 | \$158 | \$9583 | \$4629 |
| Risk Score for High Cost in TP ₄ | 1 | 100 | 61 | 3 | <1 | 21 | 31 | 1 | 1 | 49 |

Fig. 41

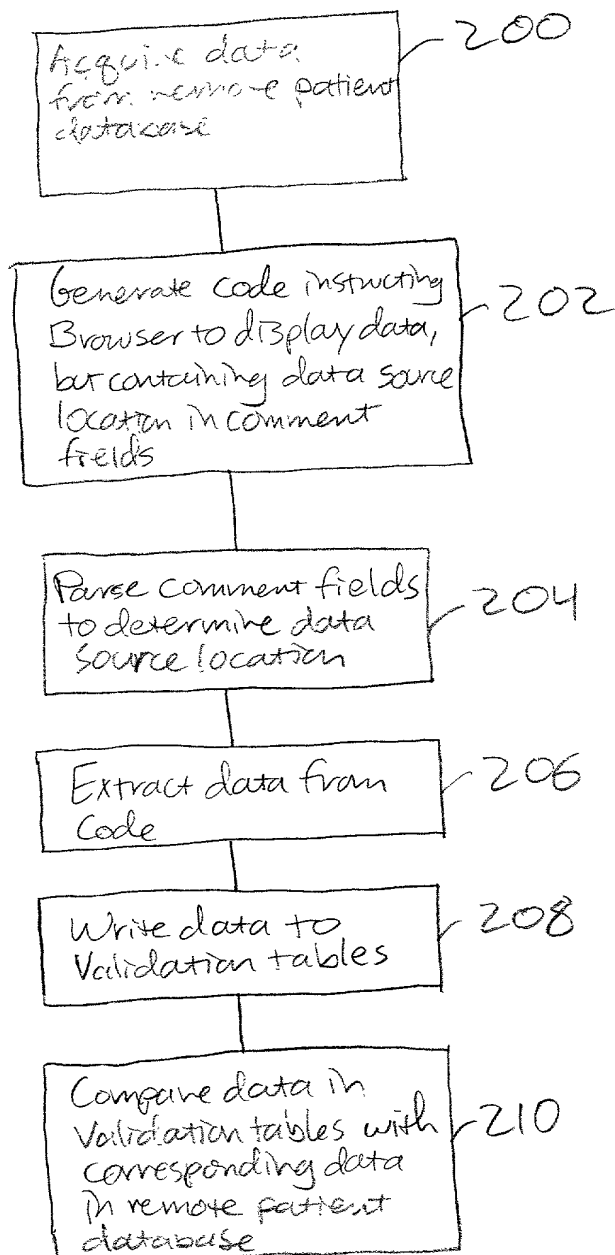


Fig. 5

Listing 1: Example of the use of invisible identifier tags in HTML code

Patient:
<FirstName on Table A>John</FirstName on Table A>
<LastName on Table A>Doe</LastName on Table A>

Phone Number:
<PhoneNumber on Table A>(888) 888-8888</PhoneNumber on Table A>

Fig. 6A

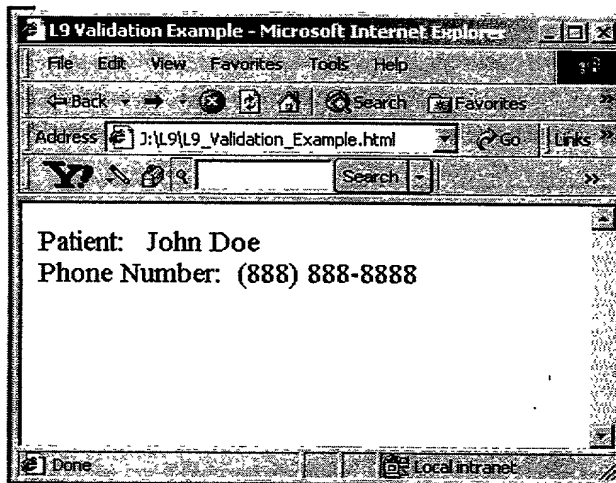


Fig. 6B

Non-compliant Patient Parameters:

Enrollment

TRICARE Prime

Primary Care Physician

All

MTF

All

Assigned to Care Manager

All

Clinic

All

☐ Age ☐ Risk Index ☐ HbA1c Value

Order By: ☒ Alphabetically ☐ By Risk Index

Generate List

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NOTE: This is a demo program. The clinical data displayed herein is not associated with any real persons.

Fig. 7

Non Compliant Patients

| ALL | | Creatinine | | HbA1c | | | |
|--------------------|---|------------|---|-------|---|---|----|
| A | B | C | D | E | F | G | H |
| AADLAND,ERIC A | | | | | | | 30 |
| ABA,JOYCE K | | | | | | | 60 |
| ABBOTT,RALPH R JR | | | | | | | 48 |
| ABELL,DAVID | | | | | | | 42 |
| ABELL,DONALD | | | | | | | 60 |
| ABELL,JAMES C | | | | | | | 30 |
| ABELL,ROLAND J . | | | | | | | 36 |
| ACEVEDO,DORIS L | | | | | | | 36 |
| ACEVEDO MEI ISSA M | | | | | | | 36 |

NEXT 100

Non-Compliant Patients: 7119

Compliant Patients: 424

Total: 7543

Fig. 8A

Save List

Non Compliant Patients

| ALL | Creatinine | HbA1c |
|------------------------|------------|---------|
| 100 - 91 | 90 - 81 | 80 - 71 |
| HILL, VIKKI K | | 99 |
| PAULSEN, LAMONT | | 99 |
| RYALS, PHILLIP E | | 99 |
| ESTES, CARRIE L | | 96 |
| HAYWOOD, BETTY J | | 96 |
| IRWIN, LESTER E. | | 96 |
| MARCUM, ROGER N | | 96 |
| MCKINNEY, WILLIAM A JR | | 96 |
| MILLS CHARLES E | | 96 |

Non-Compliant Patients: 7119

Compliant Patients: 424

Total: 7543

Fig. 8B

Enrollment:TRICARE Prime
Clinic:ALL
Provider:ALL

MTF:ALL

Case Manager:ALL

Outreach:

Phone Call

Email / Letter

| Protocol Lab History | Diagnoses | Assignments | Outreach History | Diabetic? | Contact |
|--|-----------|-------------|---------------------|-----------|---------|
| Overdue Protocol(s): <ul style="list-style-type: none">➡ LDL Cholesterol: Due 7/24/2000 : due every 6 months.➡ Ophthalmology: Due 12/15/1996 : due every 12 months.➡ HbA1c: Due 7/25/2000 : due every 6 months. | | | | | |
| Patient Name: ALVARADO,SAUL R | | | | | |
| Diabetes: Not Confirmed | | | | | |
| Telephone: 555-555-1212 | | | | | |
| Address: X XXXX XXXX | | | | | |
| City, State. Zip: XXX XXXX, XX 78242 | | | | | |
| FMPSSN: XXXXXXXXXX | | | | | |
| DOB: 5/5/40 | | | | | |
| Clinic: WHMC TRICARE HMO / BHAA | | | | | |
| MTF: WILFORD HALL | | | | | |
| Enrollment: TRICARE Prime | | | | | |

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Fig. 9

05917223.072901
T05270" 82271650

Enrollment:TRICARE Prime
Clinic:ALL

MTF:ALL

Case Manager:ALL

Patient: ALVARADO,SAUL R

| | |
|---------------------------------------|--|
| <input checked="" type="radio"/> None | <input type="radio"/> No Answer |
| <input type="radio"/> Left Message | <input type="radio"/> Spoke with Patient |
| Contact Notes | |
| <div></div> | |
| Record Contact | Close |

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Fig. 10